

University of California, Los Angeles

Detail Report - Control (Public)

Self-defined Inventory 2020

**Description:**

**Industry:** 61 - Educational Services

**Address:** 731 CHARLES E. YOUNG DRIVE S  
Los Angeles, California US

**Contact:** Spencer Middleton  
smiddleton@facnet.ucla.edu

**Website:**

**Reporting Information**

Reporting Protocol: General Reporting Protocol 3.0 and associated updates and clarifications

Additional Reporting Standards: None

GWP Standard: AR5

Base Year:

Consolidation Methodology: Financial Control Only

Status: TCR Accepted

**Verification Information**

Verification Body: Ruby Canyon Environmental, Inc.

Level of Assurance: Reasonable

## Entity Emissions | Total in metric tons of CO2e

Scope 1 - Direct Emissions	Total CO <sub>2</sub> e (t)	CO <sub>2</sub> (t)	CH <sub>4</sub> (t of CO <sub>2</sub> e)	N <sub>2</sub> O (t of CO <sub>2</sub> e)	HFC (t of CO <sub>2</sub> e)	PFC (t of CO <sub>2</sub> e)	NF <sub>3</sub> (t of CO <sub>2</sub> e)	SF <sub>6</sub> (t of CO <sub>2</sub> e)
Stationary Combustion	221,559.810098	220,189.75659	450.847981	919.205527	0	0	0	0
Mobile Combustion	2,263.513033	2,247.153309	1.472335	14.88739	0	0	0	0
Fugitive	2,386.657	92.576	0	10.6	2,202.741	57.24	0	23.5
<b>Total</b>	<b>226,209.980131</b>	<b>222,529.485898</b>	<b>452.320316</b>	<b>944.692917</b>	<b>2,202.741</b>	<b>57.24</b>	<b>0</b>	<b>23.5</b>
Applied Offsets	-16,882	-16,882	0	0	0	0	0	0
<b>NetTotal</b>	<b>209,327.980131</b>	<b>205,647.485898</b>	<b>452.320316</b>	<b>944.692917</b>	<b>2,202.741</b>	<b>57.24</b>	<b>0</b>	<b>23.5</b>

Scope 2 - Location Based - Indirect Emissions	Total CO <sub>2</sub> e (t)	CO <sub>2</sub> (t)	CH <sub>4</sub> (t of CO <sub>2</sub> e)	N <sub>2</sub> O (t of CO <sub>2</sub> e)	HFC (t of CO <sub>2</sub> e)	PFC (t of CO <sub>2</sub> e)	NF <sub>3</sub> (t of CO <sub>2</sub> e)	SF <sub>6</sub> (t of CO <sub>2</sub> e)
Purchased Electricity - Location Based	28,299.016519	28,175.670248	57.445541	65.900729	0	0	0	0
<b>Total</b>	<b>28,299.016519</b>	<b>28,175.670248</b>	<b>57.445541</b>	<b>65.900729</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>NetTotal</b>	<b>28,299.016519</b>	<b>28,175.670248</b>	<b>57.445541</b>	<b>65.900729</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Scope 2 - Market Based - Indirect Emissions	Total CO <sub>2</sub> e (t)	CO <sub>2</sub> (t)	CH <sub>4</sub> (t of CO <sub>2</sub> e)	N <sub>2</sub> O (t of CO <sub>2</sub> e)	HFC (t of CO <sub>2</sub> e)	PFC (t of CO <sub>2</sub> e)	NF <sub>3</sub> (t of CO <sub>2</sub> e)	SF <sub>6</sub> (t of CO <sub>2</sub> e)
Purchased Electricity - Market Based	27,165.093465	26,611.013465	246.68	307.4	0	0	0	0
<b>Total</b>	<b>27,165.093465</b>	<b>26,611.013465</b>	<b>246.68</b>	<b>307.4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>NetTotal</b>	<b>27,165.093465</b>	<b>26,611.013465</b>	<b>246.68</b>	<b>307.4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Biogenic - Direct Emissions	Total CO <sub>2</sub> e (t)	CO <sub>2</sub> (t)	CH <sub>4</sub> (t of CO <sub>2</sub> e)	N <sub>2</sub> O (t of CO <sub>2</sub> e)	HFC (t of CO <sub>2</sub> e)	PFC (t of CO <sub>2</sub> e)	NF <sub>3</sub> (t of CO <sub>2</sub> e)	SF <sub>6</sub> (t of CO <sub>2</sub> e)
Stationary Biomass Combustion	0	0	0	0	0	0	0	0
<b>Total</b>	0	0	0	0	0	0	0	0
<b>NetTotal</b>	0	0	0	0	0	0	0	0

Biogenic - Market Based - Indirect Emissions	Total CO <sub>2</sub> e (t)	CO <sub>2</sub> (t)	CH <sub>4</sub> (t of CO <sub>2</sub> e)	N <sub>2</sub> O (t of CO <sub>2</sub> e)	HFC (t of CO <sub>2</sub> e)	PFC (t of CO <sub>2</sub> e)	NF <sub>3</sub> (t of CO <sub>2</sub> e)	SF <sub>6</sub> (t of CO <sub>2</sub> e)
Purchased Electricity - Market Based - Biomass	25,808.63	25,808.63	0	0	0	0	0	0
<b>Total</b>	25,808.63	25,808.63	0	0	0	0	0	0
<b>NetTotal</b>	25,808.63	25,808.63	0	0	0	0	0	0

## Entity Emissions | Total in metric tons of gas

Scope 1 - Direct Emissions	Total CO <sub>2</sub> e (t)	CO <sub>2</sub> (t)	CH <sub>4</sub> (t)	N <sub>2</sub> O (t)	HFC (t of CO <sub>2</sub> e)	PFC (t of CO <sub>2</sub> e)	NF <sub>3</sub> (t)	SF <sub>6</sub> (t)
Stationary Combustion	221,559.810098	220,189.75659	16.101714	3.4687	0	0	0	0
Mobile Combustion	2,263.513033	2,247.153309	0.052583	0.056179	0	0	0	0
Fugitive	2,386.657	92.576	0	0.04	2,202.741	57.24	0	0.001
<b>Total</b>	<b>226,209.980131</b>	<b>222,529.485898</b>	<b>16.154297</b>	<b>3.564879</b>	<b>2,202.741</b>	<b>57.24</b>	<b>0</b>	<b>0.001</b>

Scope 2 - Location Based - Indirect Emissions	Total CO <sub>2</sub> e (t)	CO <sub>2</sub> (t)	CH <sub>4</sub> (t)	N <sub>2</sub> O (t)	HFC (t of CO <sub>2</sub> e)	PFC (t of CO <sub>2</sub> e)	NF <sub>3</sub> (t)	SF <sub>6</sub> (t)
Purchased Electricity - Location Based	28,299.016519	28,175.670248	2.051626	0.248682	0	0	0	0
<b>Total</b>	<b>28,299.016519</b>	<b>28,175.670248</b>	<b>2.051626</b>	<b>0.248682</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Scope 2 - Market Based - Indirect Emissions	Total CO <sub>2</sub> e (t)	CO <sub>2</sub> (t)	CH <sub>4</sub> (t)	N <sub>2</sub> O (t)	HFC (t of CO <sub>2</sub> e)	PFC (t of CO <sub>2</sub> e)	NF <sub>3</sub> (t)	SF <sub>6</sub> (t)
Purchased Electricity - Market Based	27,165.093465	26,611.013465	8.81	1.16	0	0	0	0
<b>Total</b>	<b>27,165.093465</b>	<b>26,611.013465</b>	<b>8.81</b>	<b>1.16</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Biogenic - Direct Emissions	Total CO <sub>2</sub> e (t)	CO <sub>2</sub> (t)	CH <sub>4</sub> (t)	N <sub>2</sub> O (t)	HFC (t of CO <sub>2</sub> e)	PFC (t of CO <sub>2</sub> e)	NF <sub>3</sub> (t)	SF <sub>6</sub> (t)
Stationary Biomass Combustion	0	0	0	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Biogenic - Market Based - Indirect Emissions	Total CO <sub>2</sub> e (t)	CO <sub>2</sub> (t)	CH <sub>4</sub> (t)	N <sub>2</sub> O (t)	HFC (t of CO <sub>2</sub> e)	PFC (t of CO <sub>2</sub> e)	NF <sub>3</sub> (t)	SF <sub>6</sub> (t)
Purchased Electricity - Market Based - Biomass	25,808.63	25,808.63	0	0	0	0	0	0
<b>Total</b>	25,808.63	25,808.63	0	0	0	0	0	0

## Simplified Estimation Methods (SEMs)

	Total Estimated CO <sub>2</sub> e (t)	Total Emissions (t of CO <sub>2</sub> e)	Estimated CO <sub>2</sub> e as a Percentage of Total*
Location Based	2,918.530844	254,508.99665	1.14672993181682%
Market Based	2,935.016785	279,183.703596	1.05128513853678%

\*Total based on scope 1, scope 2 & biomass emissions

## Facility Emissions | Main Campus

Equity share - 100% | Entity controls the facility emissions - Yes

405 Hilgard Avenue, Los Angeles, California, 90095, US

Scope 1 - Direct Emissions	Total CO <sub>2</sub> e (t)	CO <sub>2</sub> (t)	CH <sub>4</sub> (t)	N <sub>2</sub> O (t)	HFC (t of CO <sub>2</sub> e)	PFC (t of CO <sub>2</sub> e)	NF <sub>3</sub> (t)	SF <sub>6</sub> (t)
Stationary Combustion	212,012.077586	210,670.455198	15.256805	3.450686	0	0	0	0
Fugitive	1,986.289	76.835	0	0.033	1,829.509	47.7	0	0.001
<b>Total</b>	<b>213,998.366586</b>	<b>210,747.290198</b>	<b>15.256805</b>	<b>3.483686</b>	<b>1,829.509</b>	<b>47.7</b>	<b>0</b>	<b>0.001</b>

Scope 2 - Location Based - Indirect Emissions	Total CO <sub>2</sub> e (t)	CO <sub>2</sub> (t)	CH <sub>4</sub> (t)	N <sub>2</sub> O (t)	HFC (t of CO <sub>2</sub> e)	PFC (t of CO <sub>2</sub> e)	NF <sub>3</sub> (t)	SF <sub>6</sub> (t)
Purchased Electricity - Location Based	20,462.198767	20,373.010654	1.483472	0.179815	0	0	0	0
<b>Total</b>	<b>20,462.198767</b>	<b>20,373.010654</b>	<b>1.483472</b>	<b>0.179815</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Scope 2 - Market Based - Indirect Emissions	Total CO <sub>2</sub> e (t)	CO <sub>2</sub> (t)	CH <sub>4</sub> (t)	N <sub>2</sub> O (t)	HFC (t of CO <sub>2</sub> e)	PFC (t of CO <sub>2</sub> e)	NF <sub>3</sub> (t)	SF <sub>6</sub> (t)
Purchased Electricity - Market Based	22,874.206063	22,320.126063	8.81	1.16	0	0	0	0
<b>Total</b>	22,874.206063	22,320.126063	8.81	1.16	0	0	0	0

Biogenic - Direct Emissions	Total CO <sub>2</sub> e (t)	CO <sub>2</sub> (t)	CH <sub>4</sub> (t)	N <sub>2</sub> O (t)	HFC (t of CO <sub>2</sub> e)	PFC (t of CO <sub>2</sub> e)	NF <sub>3</sub> (t)	SF <sub>6</sub> (t)
Stationary Biomass Combustion	0	0	0	0	0	0	0	0
<b>Total</b>	0	0	0	0	0	0	0	0

Biogenic - Market Based - Indirect Emissions	Total CO <sub>2</sub> e (t)	CO <sub>2</sub> (t)	CH <sub>4</sub> (t)	N <sub>2</sub> O (t)	HFC (t of CO <sub>2</sub> e)	PFC (t of CO <sub>2</sub> e)	NF <sub>3</sub> (t)	SF <sub>6</sub> (t)
Purchased Electricity - Market Based - Biomass	25,808.63	25,808.63	0	0	0	0	0	0
<b>Total</b>	25,808.63	25,808.63	0	0	0	0	0	0

## Facility Emissions | Off Campus

Equity share - 100% | Entity controls the facility emissions - Yes

405 Hilgard Avenue, Los Angeles, California, 90095, US

Scope 1 - Direct Emissions	Total CO <sub>2</sub> e (t)	CO <sub>2</sub> (t)	CH <sub>4</sub> (t)	N <sub>2</sub> O (t)	HFC (t of CO <sub>2</sub> e)	PFC (t of CO <sub>2</sub> e)	NF <sub>3</sub> (t)	SF <sub>6</sub> (t)
Stationary Combustion	9,547.732512	9,519.301392	0.844909	0.018014	0	0	0	0
Fugitive	400.368	15.741	0	0.007	373.232	9.54	0	0
<b>Total</b>	<b>9,948.100512</b>	<b>9,535.042392</b>	<b>0.844909</b>	<b>0.025014</b>	<b>373.232</b>	<b>9.54</b>	<b>0</b>	<b>0</b>

Scope 2 - Location Based - Indirect Emissions	Total CO <sub>2</sub> e (t)	CO <sub>2</sub> (t)	CH <sub>4</sub> (t)	N <sub>2</sub> O (t)	HFC (t of CO <sub>2</sub> e)	PFC (t of CO <sub>2</sub> e)	NF <sub>3</sub> (t)	SF <sub>6</sub> (t)
Purchased Electricity - Location Based	7,836.817752	7,802.659595	0.568155	0.068867	0	0	0	0
<b>Total</b>	<b>7,836.817752</b>	<b>7,802.659595</b>	<b>0.568155</b>	<b>0.068867</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Scope 2 - Market Based - Indirect Emissions	Total CO <sub>2</sub> e (t)	CO <sub>2</sub> (t)	CH <sub>4</sub> (t)	N <sub>2</sub> O (t)	HFC (t of CO <sub>2</sub> e)	PFC (t of CO <sub>2</sub> e)	NF <sub>3</sub> (t)	SF <sub>6</sub> (t)
Purchased Electricity - Market Based	4,290.887402	4,290.887402	0	0	0	0	0	0
<b>Total</b>	<b>4,290.887402</b>	<b>4,290.887402</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>



## Facility Emissions | Vehicle Fleet

Equity share - 100% | Entity controls the facility emissions - Yes

405 Hilgard Avenue, Los Angeles, California, 90095, US

Scope 1 - Direct Emissions	Total CO <sub>2</sub> e (t)	CO <sub>2</sub> (t)	CH <sub>4</sub> (t)	N <sub>2</sub> O (t)	HFC (t of CO <sub>2</sub> e)	PFC (t of CO <sub>2</sub> e)	NF <sub>3</sub> (t)	SF <sub>6</sub> (t)
Mobile Combustion	2,263.513033	2,247.153309	0.052583	0.056179	0	0	0	0
<b>Total</b>	2,263.513033	2,247.153309	0.052583	0.056179	0	0	0	0